



# ASI/DVB-T Transmodulator

Professional DVB-T modulator

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588059788	silver	0000/5978	300 g	300 g	4 x 11 x 40,5 cm	6 x 23,3 x 48,5 cm

## AMBIENT OPERATING CONDITIONS

Ambient temperature: 0 ... 45 °C

Humidity: 10 ... 90 %

## ASI INPUT

Interface: BNC-socket, 75 Ohm

Effective data rate: 100

## DVB-T OUTPUT

Modulation: QPSK, 16-QAM, 64-QAM

Channel bandwidth: 6, 7, 8 MHz

FFT mode: 2k

Guard interval: 1/4, 1/8, 1/16, 1/32

FEC: 1/2, 2/3, 3/4, 5/6, 6/7, 7/8

Symbol rate: 6,75 @ 8MHz BW

I/Q amplitude error: < 0,3 %

I/Q phase error: < 0,3 °

Phase jitter: < 0,5 °

MER: > 36 dB (64-QAM, Equalizer)

Frequency range: 48 ... 860 MHz (10 kHz Schrittweite)

Output level: 97 ... 110 (1 dB Schrittweite)

Secondary wave suppression: > 55 dB

Signal output: F-Socket

Output impedance: 75 Ω

Return loss: > 12 dB

## GENERAL CHARACTERISTICS

Top features: DVB-T modulator / EN 300744

Top features: ASI input

Top features: Output frequency range from 48-860 Mhz (K2 to K69); suitable for adjacent channels

Top features: output level adjustable from 97-110 dBμV

Top features: NIT generation

## SCOPE OF DELIVERY

TechniNet ASI/DVB-T transmodulator, Front panel, Back panel, Ethernet Patch-cable, BNC-connection cable